

8. (CURRENTLY AMENDED) A method for enabling a[n] user to distribute a procedure from a client platform to a plurality of server platforms, and for enabling the user to make and register the procedure at the server platforms, [a "DB2" relational database management system (RDBMS) executing on each server platform,] comprising the steps of:

- (1) at the client platform, displaying a list of servers;
- (2) at the client platform, enabling the user to select any of said servers;
- (3) at the client platform, commanding a ["client application enablement" (CAE)]

module to distribute a file associated with the procedure to the selected servers, the [CAE] module being resident in the client platform [and representing a client component of the DB2 RDBMS]; and

(4) at the client platform, commanding the [CAE] module to cause the selected servers to make and register the procedure;

wherein step (3) comprises the steps of:

- (a) converting the file to a string;
- (b) setting a procedure [_to_invoke] parameter equal to information identifying

a file transfer procedure located at each selected server;

(c) causing a [pointer in a] first ["sqlvar"] parameter to [point to] represent said string, and causing a [pointer in a] second [sqlvar] parameter to [point to] represent a file name of the file [, the first and second sqlvar parameters being part of an input_args parameter, the input_args parameter having a "sqllda" data type, the sqllda data type being suitable for passing scalar values to procedures] ; and

(d) invoking, for each selected server, a ["sqlproc"] function provided by the [CAE] module, a parameter list of said [sqlproc] function comprising said [input_args] first and second parameter and said procedure [_to_invoke] parameter, said [sqlproc] function when executed causing said [input_args] first and second parameters to be passed to said file transfer procedure at each selected server, and also causing said file transfer procedure to be invoked at each selected server.

18. (CURRENTLY AMENDED) A [database] system for enabling a[n] user to distribute a procedure from a client platform to a plurality of server platforms, and for enabling the user to make and register the procedure at the server platforms, [a "DB2" relational database management system (RDBMS) executing on each server platform,] the [database] system comprising:

means, at the client platform, for displaying a list of servers;

means, at the client platform, for enabling the user to select any of said servers;

[CAE] commanding means, at the client platform, for commanding a ["client application enablement" (CAE)] module to distribute a file associated with the procedure to the selected servers, the [CAE] module being resident in the client platform [and representing a client component of the DB2 RDBMS]; and

make and register means, at the client platform, for commanding the [CAE] module to cause the selected servers to make and register the procedure;

wherein said [CAE] commanding means comprises:

means for converting the file to a string;

means for setting a procedure [_to_invoke] parameter equal to information identifying a file transfer procedure located at each selected server;

means for causing a [pointer in a] first ["sqlvar"] parameter to [point to] represent said string, and causing a [pointer in a] second [sqlvar] parameter to [point to] represent a file name of the file, the first and second [sqlvar] parameters [being part of an input_args parameter, the input_args parameter] having a ["sqlda"] data type [, the sqlda data type] being suitable for passing scalar values to procedures; and

means for invoking, for each selected server, a ["sqleproc"] function provided by the [CAE] module, a parameter list of said [sqleproc] function comprising said [input_args] first and second parameters and said procedure [_to_invoke] parameter, said [sqleproc] function when executed causing said [input_args] first and second parameters to be passed to said file transfer procedure at each selected server, and also causing said file transfer procedure to be invoked at each selected server.